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520.39632X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. FURUYA, et al

Serial No.: 09/784,254

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Filed: February 16, 2001

OCT 24 2006

U.S. Patent No. 7,110,545 B2

OFFICE OF PETITIONS

For: METHOD AND APPARATUS FOR SYMMETRIC-KEY
ENCRYPTION

**PETITION REQUESTING CERTIFICATE OF CORRECTION
UNDER 37 CFR §3.81(b)**

MS Petitions

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

October 4, 2006

Pursuant to 37 CFR §3.81(b), Applicants respectfully request that the attached Petition be granted and that a Certificate of Correction be issued in connection with the above-referenced application to correct the error noted on the attached Form PTO-1050.

After review of the above-referenced patent, it was discovered that Applicants through inadvertence did not list the Assignee to which the above-referenced application is assigned on the Issue Fee Transmittal submitted with payment of the Issue Fee submitted on June 27, 2006.

Specifically, the June 27, 2006 Issue Fee Transmittal inadvertently identified Tokyo, Japan as the Assignee at item "(A) Name of Assignee" on the Issue Fee Transmittal. The correct Assignee to which the above-referenced patent is assigned

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10/05/2006 SDENBOB1 00000047 7110545

01 FC:1811
02 FC:1464

100.00 OP
130.00 OP

is Hitachi, Ltd., of Tokyo, Japan as per the Assignment recorded on February 16, 2001 at Reel 011557 and Frame 0967. A copy of the Notice of Recordation dated May 11, 2001 and the Assignment evidencing such is attached.

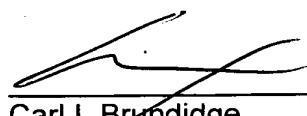
Accordingly, it is respectfully requested in accordance with 37 CFR §3.81(b), that the present Petition be granted and that a Certificate of Correction be issued identifying the correct Assignee of the above-referenced patent as Hitachi Ltd., Tokyo, JAPAN consistent with the Assignment of the application as noted above.

Upon granting of this Petition, Applicants respectfully request that the file be forwarded to the Certificates of Correction Branch for issuance of a Certificate of Correction.

Applicants submit that the fees in connection with the present Petition and Certification of Correction in the amount of \$230.00 is attached in the form of a Credit Card Payment Form. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (520.39632X00).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



Carl I. Brundidge
Registration No. 29,621

CIB/jdc
(703) 684-1120

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,110,545

DATED: September 19, 2006

INVENTOR(s): S. FURUYA, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

-- (73) Assignee: Hitachi, Ltd., Tokyo (JP) --.

MAILING ADDRESS OF SENDER

PATENT NO: 7,110,545

Carl I. Brundidge, Esquire
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 Diagonal Road – Suite 370
Alexandria, VA 22314

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

United States Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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(Also Form PTO-1050)

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PATENT NO: 7,110,545

DATED: September 19, 2006

INVENTOR(s): S. FURUYA, et al

It is certified that error appears in the above-identified patent and that said
Letters Patent is hereby corrected as shown below:

-- (73) Assignee: Hitachi, Ltd., Tokyo (JP) --

MAILING ADDRESS OF SENDER

PATENT NO: 7,110,545

Carl I. Brundidge, Esquire
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 Diagonal Road – Suite 370
Alexandria, VA 22314

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PART B - FEE(S) TRANSMITTAL

520.396

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Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

or **Fax** (571)-273-2885

OFFICE OF PETITIONS

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24956

7590

03/27/2006

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 DIAGONAL ROAD
SUITE 370
ALEXANDRIA, VA 22314

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/784,254	02/16/2001	Soichi Furuya	520.39632X00	6139

TITLE OF INVENTION: METHOD AND APPARATUS FOR SYMMETRIC-KEY ENCRYPTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/27/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, ELLEN C	2134	380-259000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	Mattingly, Stanger, Malur & Brundidge, P.C. 1 _____ 2 _____ 3 _____
--	---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Tokyo, Japan(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Tokyo, JapanPlease check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

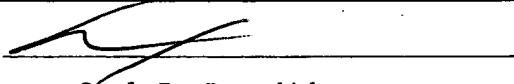
4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1417 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Date June 27, 2006Typed or printed name Carl I. BrundidgeRegistration No. 29,621

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

11, 2001

PTAS

ANTONELLI, TERRY, STOUT & KRAUS, LLP
CARL I. BRUNDIDGE
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209



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OFFICE OF PETITIONS**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/2001

REEL/FRAME: 011557/0967

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FURUYA, SOICHI

DOC DATE: 11/22/2000

ASSIGNOR:

TAKARAGI, KAZUO

DOC DATE: 11/22/2000

ASSIGNOR:

KURUMATANI, HIROYUKI

DOC DATE: 11/22/2000

ASSIGNOR:

TAKAHASHI, MASASHI

DOC DATE: 11/22/2000

ASSIGNOR:

MIYAZAKI, KUNIHIKO

DOC DATE: 11/22/2000

ASSIGNOR:

SATO, HISAYOSHI

DOC DATE: 11/22/2000

ASSIGNOR:

WATANABE, DAI

DOC DATE: 11/22/2000

ASSIGNEE:

HITACHI, LTD.
6, KANDA SURUGADAI 4-CHOME
CHIYODA-KU
TOKYO, JAPAN

SERIAL NUMBER: 09784254
PATENT NUMBER:

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FILING DATE: **OFFICE OF PETITIONS**
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

2.16.01

P



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Soichi FURUYA, Kazuo TAKARAGI, Hiroyuki
 KURUMATANI, Masashi TAKAHASHI, Kunihiko
 MIYAZAKI, Hisayoshi SATO Dai WATANABE

2. Name and address of receiving party(ies):

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome Chiyoda-ku

 JC978 U.S. P
 09784254
 02/16/01
Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: November 22, 2000

City: Tokyo:

Country: Japan

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Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 22, 2000

A. Patent Application No.(s)

B. Patent No.(s)

09/784254

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

7. Total fee (37 CFR 3.41) \$40.00

Internal Address:

 Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit accountStreet Address: 1300 North Seventeenth Street
Suite 1800

8. Deposit account number: 01-2135

(Attach duplicate copy of this page if paying by deposit account)

City: Arlington State: VA Zip: 22209

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Carl I. Brundidge

Name of Person Signing

Attorney Registration No. 29,621

Signature

February 16, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT
(譲渡証)

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As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent in the equivalent Japanese Yen, good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD AND APPARATUS FOR SYMMETRIC-KEY ENCRYPTION

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Sosichi Furuya</u>	<u>22/11/2000</u>
2) <u>Kazuo Takanagi</u>	<u>22/11/2000</u>
3) <u>Hiroyuki Kurumatani</u>	<u>22/11/2000</u>
4) <u>Masashi Takahashi</u>	<u>22/11/2000</u>
5) <u>Kuniaki Miyazaki</u>	<u>22/11/2000</u>
6) <u>Hisayoshi Sato</u>	<u>22/11/2000</u>
7) <u>Dai Watanabe</u>	<u>22/11/2000</u>
8)	
9)	
10)	